

00615363 071300

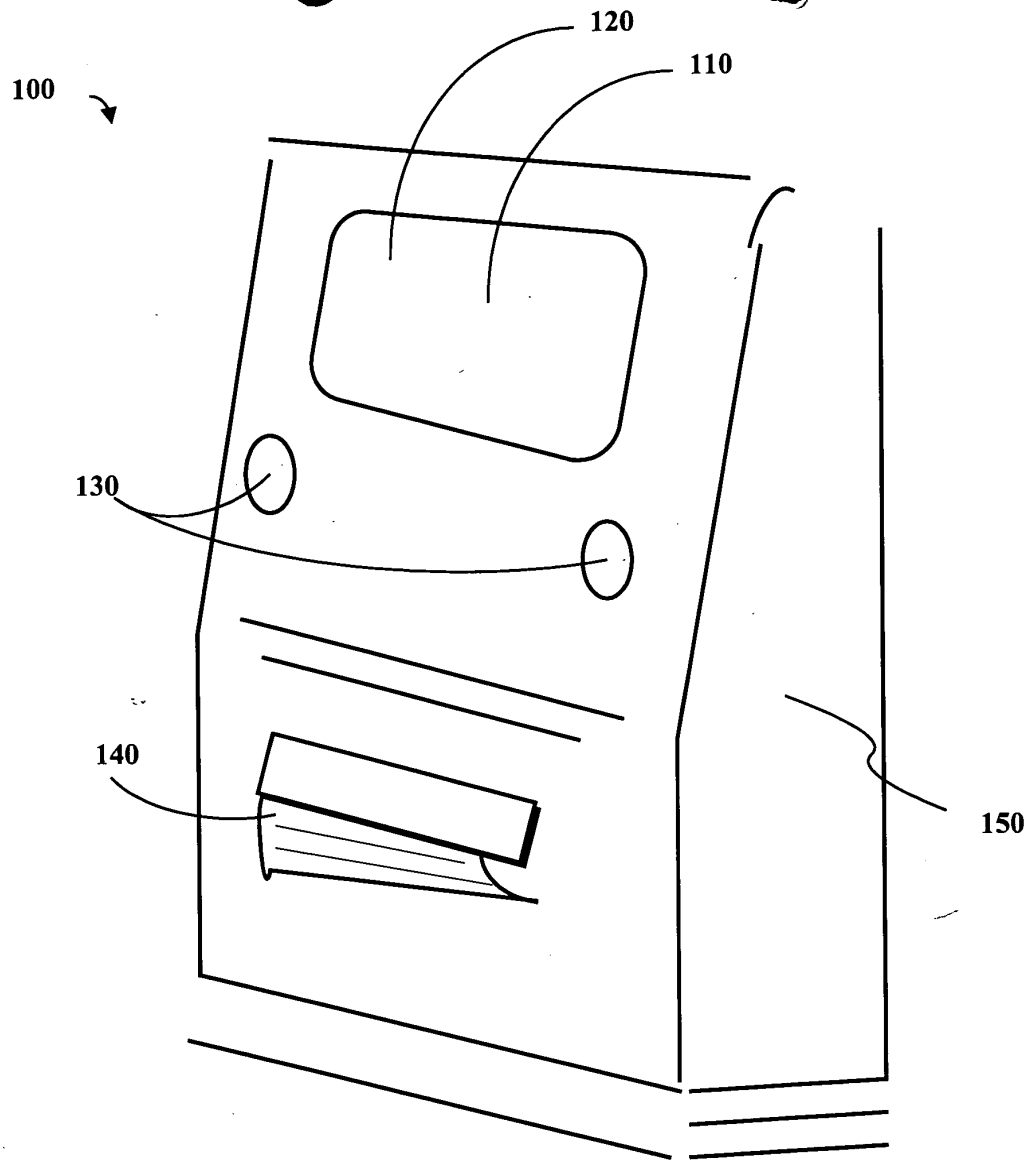


Figure 1
(Prior Art)

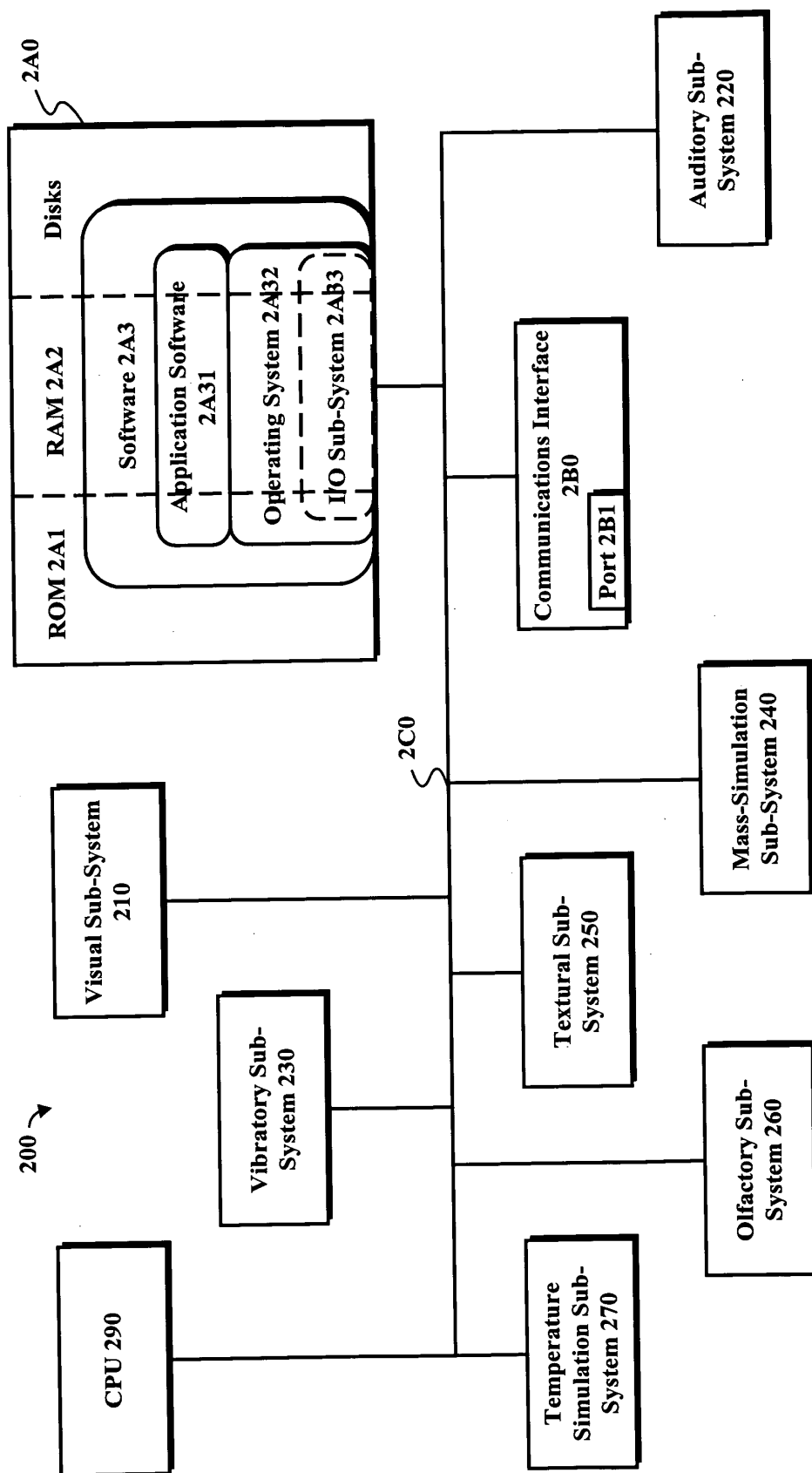


Figure 2

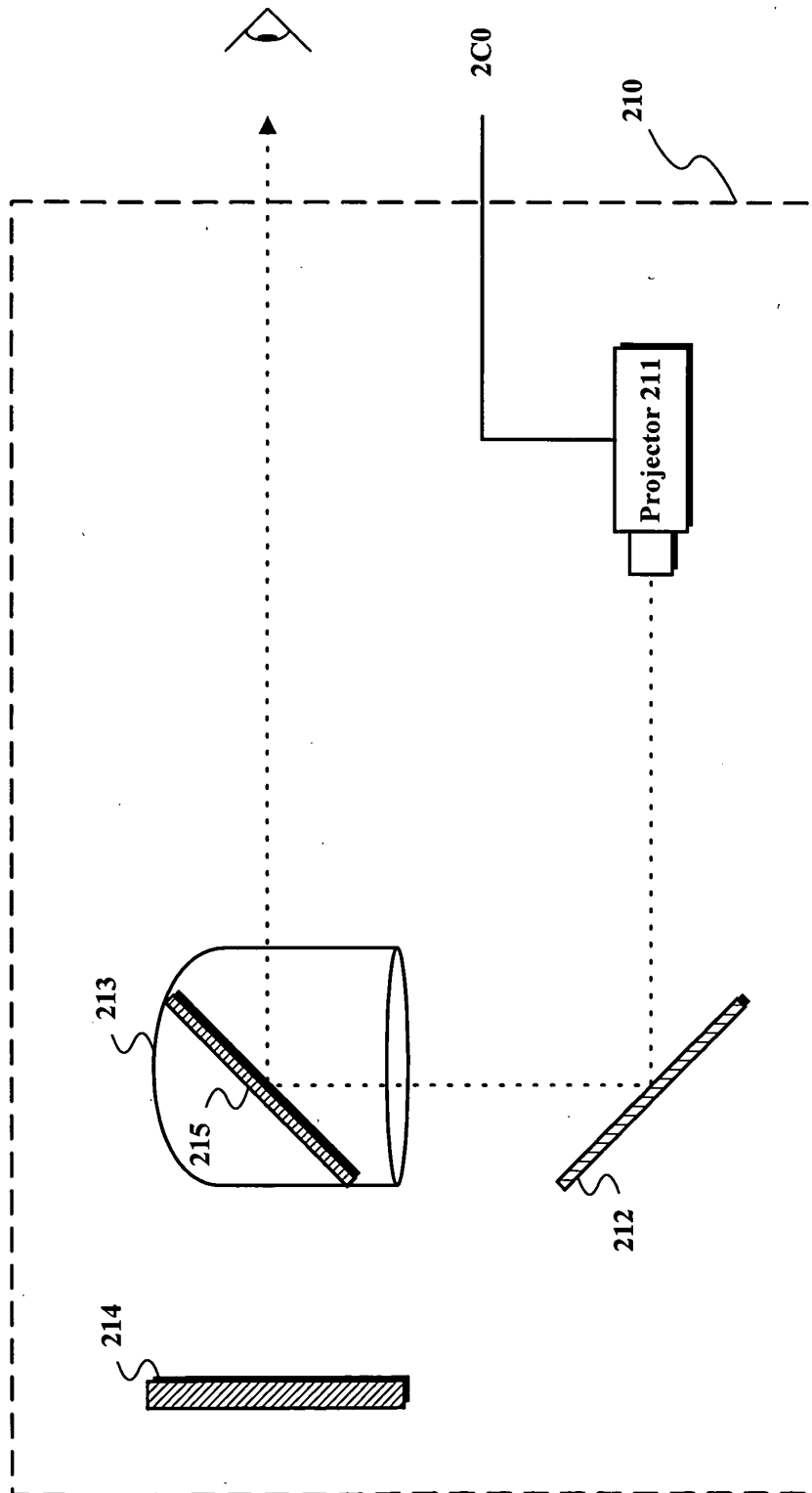
[illegible]

Figure 3

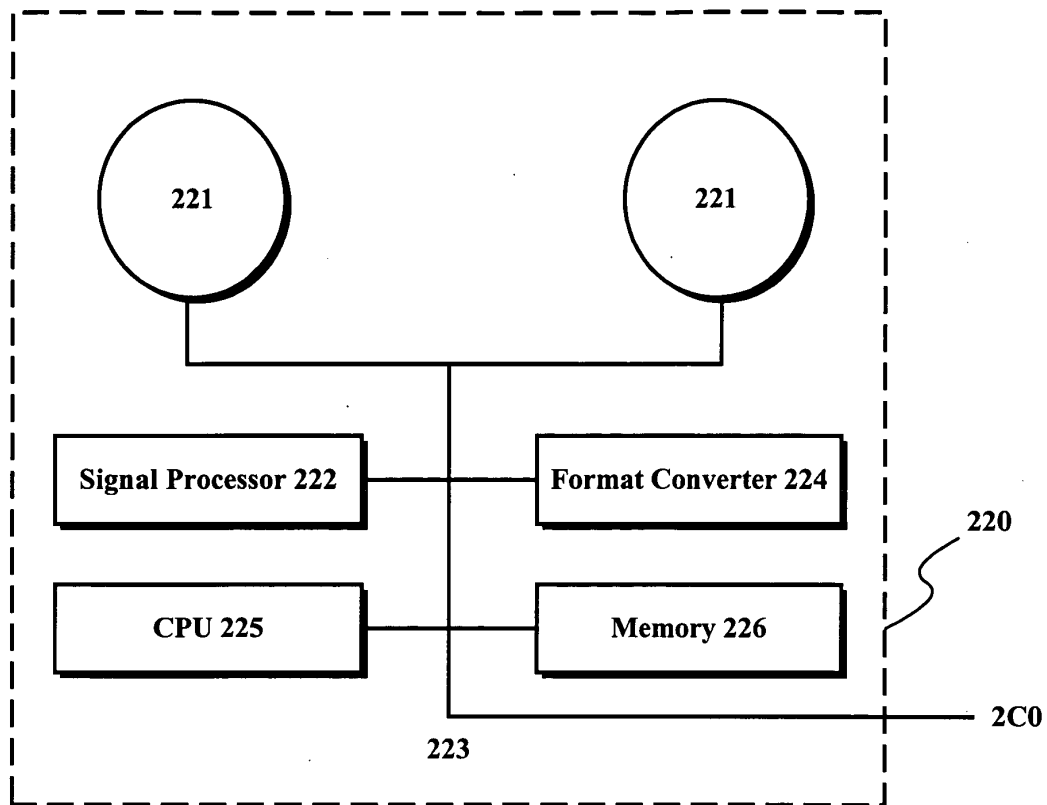


Figure 4

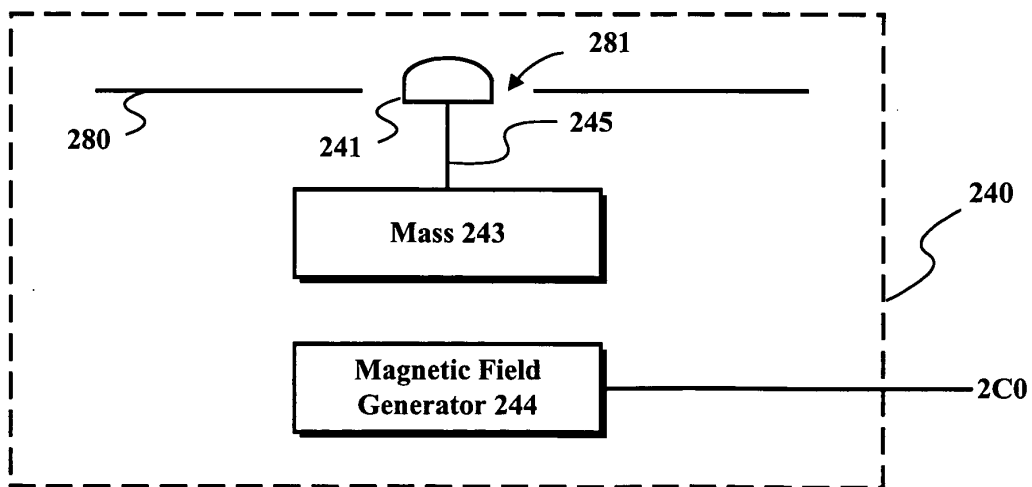
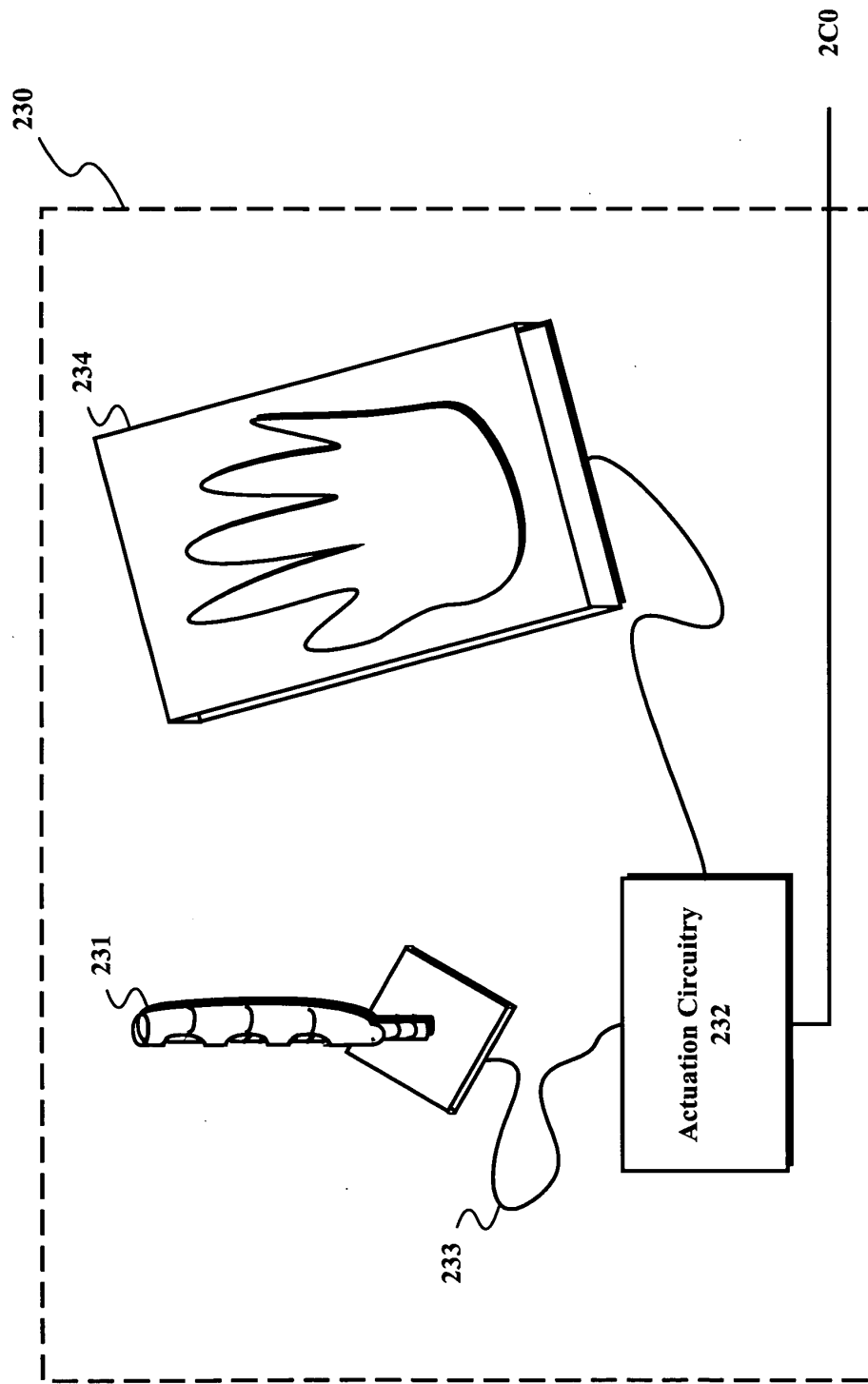


Figure 6

00515363-074300



0064693-0400

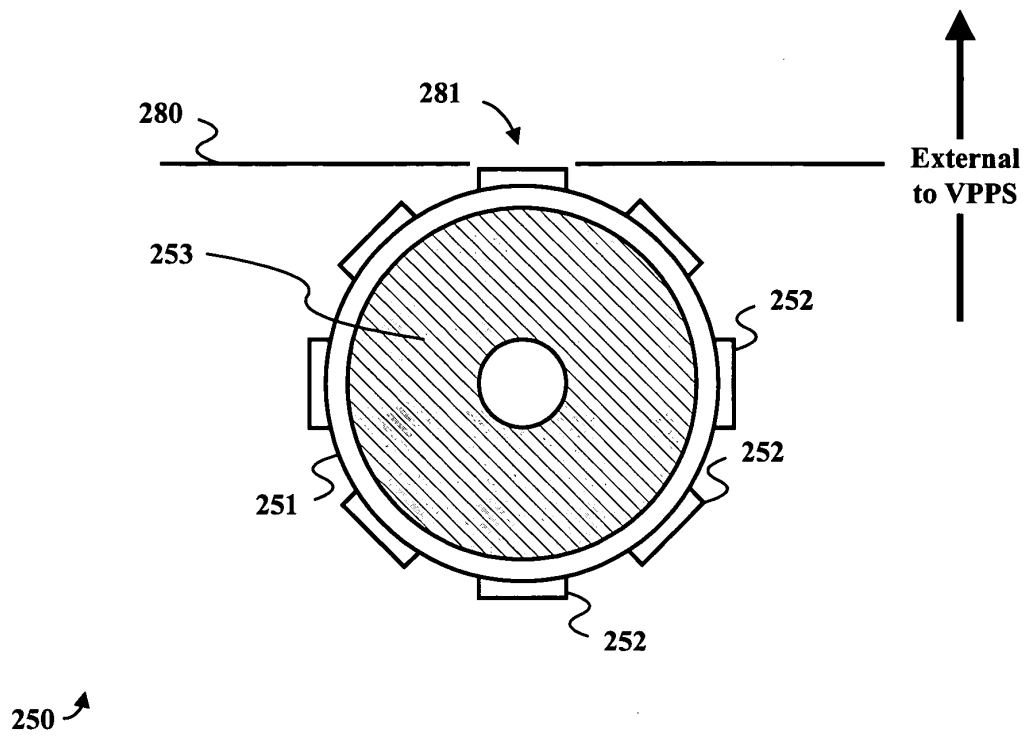


Figure 7A

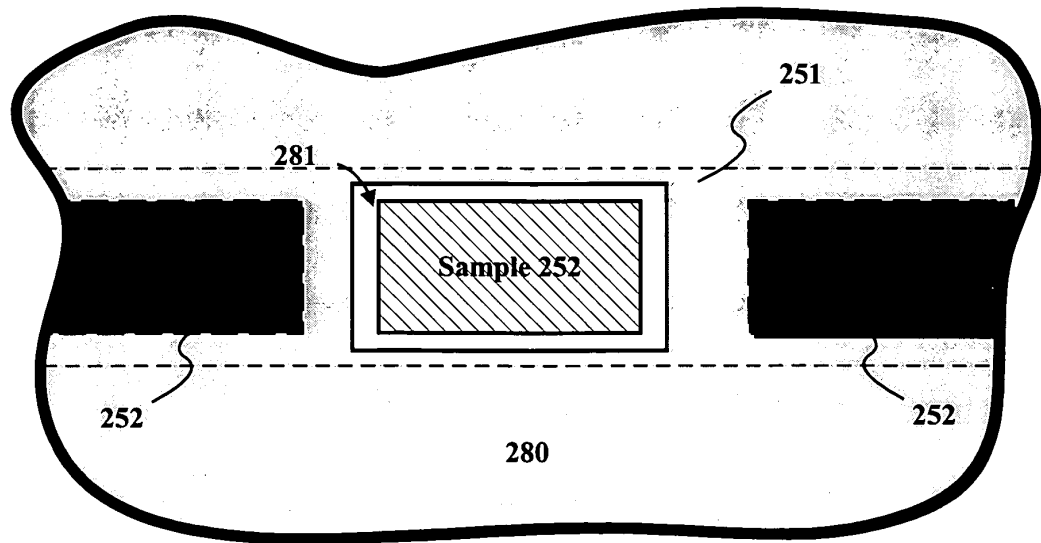


Figure 7B

Figure 10

Figure 12 is a schematic diagram of a mass spectrometer system. A dashed box 220 encloses the main components. Inside, a Mass 243 is positioned above a Magnetic Field Generator 244. A vertical double-headed arrow indicates the mass's movement. A line 242 connects the mass to a circular component 242. A horizontal line 245 connects this to a semi-circular detector 241. A vertical line 280 connects the detector to a base 281. An arrow labeled "External to VPPS" points right from the base. A wavy line 280 connects the base to the detector. A wavy line 220 is on the right. A label 2C0 is at the bottom left.

Figure 12

006720-23251300

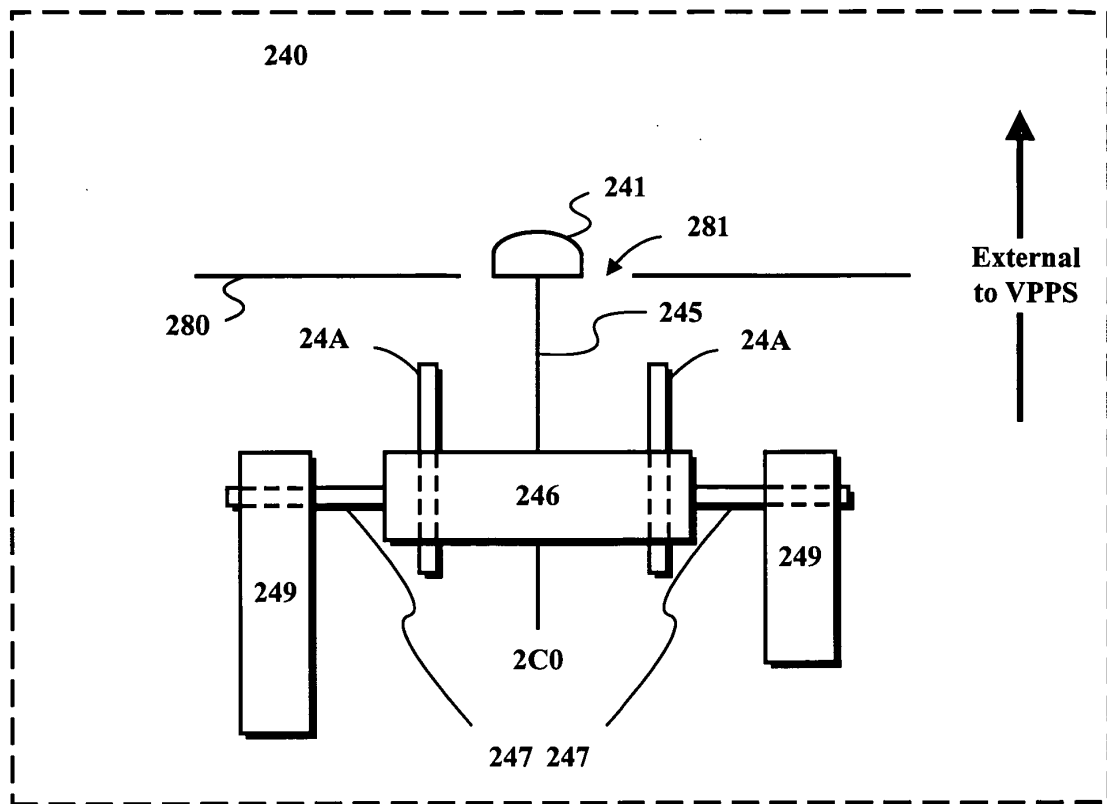


Figure 13

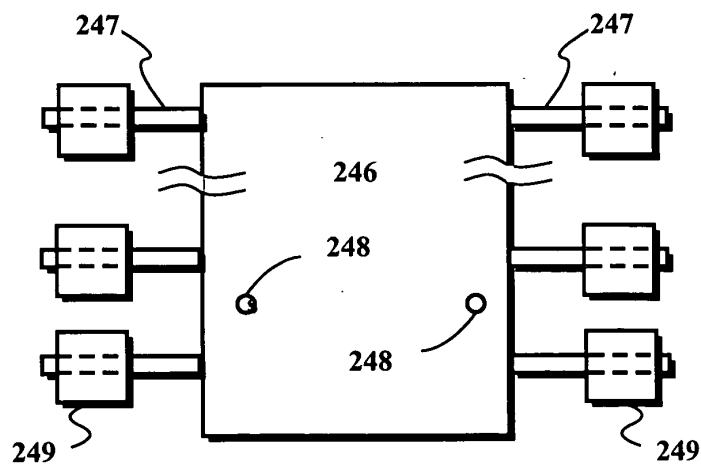


Figure 16

External to VPPS

250

253

251

252

280

281

231

232

233

The diagram illustrates a network topology. On the left, a rectangular box labeled "Communications Interface" contains a sub-box labeled "2B1". Above this sub-box is the label "2B0". A line with a lightning bolt symbol connects the "2B1" sub-box to a central cloud shape labeled "2D0". Another line with a lightning bolt symbol connects the "2D0" cloud to a cylinder shape labeled "2E0".

Figure 15